In the claims:

For the Examiner's convenience, all pending claims are presented below with changes shown. Please cancel claims 18-20 and 23 without prejudice.

1. (Currently Amended) An adapter comprising:

an infrared transceiver to transmit and receive information to and from a computing device via an infrared data port;

a ~~radio frequency~~ Bluetooth transceiver to transmit and receive information to and from a ~~radio frequency~~ data system via a Bluetooth interface; and

a processor coupled to the infrared transceiver and the ~~radio frequency~~ Bluetooth transceiver to convert information received from the infrared transceiver to a ~~radio frequency~~ Bluetooth protocol format for transfer to the ~~radio frequency~~ data system and to convert information received from the ~~radio frequency~~ Bluetooth transceiver to an infrared format for transfer to the infrared data port.

2. (Previously Presented) The adapter of claim 1, further comprising a buffer to provide temporary storage for information converted by the processor.

3. (Previously Presented) The adapter of claim 1, further comprising a power supply coupled to the processor.

4. (Previously Presented) The adapter of claim 1, wherein the infrared transceiver includes a driver circuit to transmit information to the infrared data port.

5. (Previously Presented) The adapter of claim 1, wherein the infrared transceiver includes a receiving circuit to receive information from the infrared data port.

6. (Previously Presented) The adapter of claim 1, further comprising a housing.

7. (Currently Amended) A system, comprising:

a computing device including an infrared data port to transmit and receive information to a ~~radio frequency~~ data system in communication with a network; and

an adapter to transfer information between the computing device ~~infrared data port~~ and the ~~radio frequency~~ data system, the adapter including:

an infrared transceiver to transmit and receive information to and from the infrared data port;

a ~~radio frequency~~ Bluetooth transceiver to transmit and receive information to and from the ~~radio frequency~~ data system; and

a processor coupled to the infrared transceiver and the ~~radio frequency~~ Bluetooth transceiver to convert information received from the infrared transceiver to a ~~radio frequency~~ Bluetooth protocol format for transfer to the ~~radio frequency~~ data system and to convert information received from the ~~radio frequency~~ Bluetooth transceiver to an infrared format for transfer to the infrared data port.

8. (Previously Presented) The system of claim 7, wherein the computing device is a portable computer.

9. (Previously Presented) The system of claim 7, wherein the adapter is physically coupled to the computing device.

10. (Previously Presented) The system of claim 7, wherein the adapter is a stand-alone unit that communicates with the computing device over an infrared communication link.

11. (Previously Presented) The system of claim 7, wherein the adapter further comprises a buffer to provide temporary storage for information converted by the processor.

12. (Previously Presented) The system of claim 7, wherein the adapter further comprises a power supply coupled to the microprocessor.

13. (Previously Presented) The system of claim 7, wherein the infrared transceiver includes a driver circuit to transmit information to the infrared data port.

14. (Previously Presented) The system of claim 7, wherein the infrared transceiver includes a receiving circuit to receive information from the infrared data port.

15. (Currently Amended) An adapter comprising:

a first infrared transceiver to transmit and receive information to and from a first computing device via a first ~~of a plurality of~~ infrared data port~~s~~;

a second infrared transceiver to transmit and receive information to and from a second computing device via a second ~~of a plurality of~~ infrared data ports;

a ~~radio frequency~~ Bluetooth transceiver to transmit and receive information to and from a ~~radio frequency~~ data system via a Bluetooth interface; and

a processor coupled to the first and second infrared transceivers and the ~~radio frequency~~ Bluetooth transceiver to convert information received from the first and second infrared transceivers to a ~~radio frequency~~ Bluetooth protocol format for transfer to the ~~radio frequency~~ data system and to convert information received from the ~~radio frequency~~ Bluetooth transceiver to an infrared format for transfer to at least one of the ~~plurality of~~ infrared data ports.

16. (Currently Amended) A method for wirelessly connecting a computing device to a network, comprising:

receiving information at an adapter over an infrared communication link from a remote computing device;

converting the information from an infrared format to a ~~radio frequency~~ Bluetooth protocol format at a processor; and

communicating the information to the network over a ~~radio frequency~~ Bluetooth link.

17. (Currently Amended) A method for wirelessly connecting a computing device to a network, comprising:

receiving information at an adapter over a ~~radio frequency~~ Bluetooth communication link from the network;

converting the information from a ~~radio frequency~~ Bluetooth protocol format to an infrared signal at a processor; and

communicating the information to the computing device over an infrared communication link.

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Original) The adaptor of claim 15, wherein the adapter further comprises a buffer to provide temporary information storage.

22. (Currently Amended) A system comprising:

a portable computing device having an infrared data port;

an IR (infrared) to ~~RF (radio frequency)~~ Bluetooth adapter communicatively coupled to the infrared data port, the adapter having:

an infrared transceiver to transmit and receive information to and from the infrared data port;

a ~~radio frequency~~ Bluetooth transceiver to transmit and receive information to and from the ~~radio frequency~~ data system; and

a processor coupled to the infrared transceiver and the ~~radio frequency~~ Bluetooth transceiver to convert information received from the infrared transceiver to a ~~radio frequency~~ Bluetooth format for

transfer to the ~~radio frequency~~ data system and to convert information received from the ~~radio frequency~~ Bluetooth transceiver to an infrared format for transfer to the infrared data port; and

an ~~RF~~ data system communicatively coupled to the IR to ~~RF~~ Bluetooth adapter to receive ~~RF~~ Bluetooth protocol signals from the IR to ~~RF~~ Bluetooth adapter, and to transmit the ~~RF~~ signals to a network.

23. (Cancelled)